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**NL INDUSTRIES/TARACORP SUPERFUND SITE GROUP**  
**Leed Environmental, Inc.**  
**124 Deborah Drive**  
**Reading, PA 19610**  
**Telephone: 610/670-7310**  
**Telecopy: 610/670-7311**

June 24, 2004

**First Class Mail**

Mr. Brad Bradley  
U.S. Environmental Protection Agency  
77 West Jackson Boulevard  
Chicago, IL 60604-3590

**RE: NL Industries/Taracorp Superfund Site; Granite City, Illinois**  
**Operation and Maintenance Inspection (June 15, 2004)**

Dear Mr. Bradley:

On June 15, 2004, ENTACT conducted an operation and maintenance inspection at the NL Industries/Taracorp Superfund Site on behalf of the NL/Taracorp Superfund Site Group ("Group"). A copy of ENTACT's O&M log sheet, documenting the results of the inspection, is attached for your records.

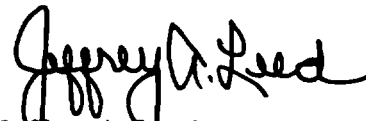
Please note that ENTACT:

- Completed the clean-out of the concrete storm water channel around the Taracorp pile cap;
- Filled, graded, and seeded the erosion areas on the Taracorp pile cap; and
- Performed other miscellaneous maintenance activities.

Please contact this office if additional information or clarification is required at this time.

Very truly yours,

**LEED ENVIRONMENTAL, INC.**



Jeffrey A. Leed  
Project Coordinator

attachment

cc: Ms. Sandra Bron - Illinois EPA (w/attachment, by first class mail)  
Technical Committee, NL Industries/Taracorp Superfund Site Group  
(w/attachment, by first class mail)

cbl/granitecity-bradley

EPA Region 5 Records Ctr.



258797

**NL Industries/Taracorp Superfund Site  
O & M Inspection Log**

**Inspector: Allen Thompson**

**Date of Inspection: Tuesday, June 15, 2004**

Site Structure	Inspected (Yes/No)	Inspection Observations	Maintenance Work Required or Performed
<b>Security Fence:</b>			
• Gates/locks secure and operative	Y	State Street gate was unlocked. Chain and lock were missing. West gate locked and in good condition.	Replaced chain and lock on State Street gate at time of inspection.
• Evidence of rust, cuts, deterioration	Y	None.	
• Evidence of unauthorized entry	Y	None.	
• Burrowing or tunneling under fence	Y	None.	
• Damaged barbed wire	Y		
• Comments		Fence pole damaged on SW side. No breach in the fence fabric.	Arranged for repair.
<b>Access Road:</b>			
• Evidence of settlement or deterioration	Y	None.	
• Comments			
<b>Landfill Cover – Vegetation</b>			
• Establishment of grass from initial seeding	Y	100% coverage .	
• Adequate growth of vegetation	Y	Green vegetation. Approximately 36" high.	
• Evidence of stress	Y	None .	
• Presence of trees/shrubs	Y	Small trees in most areas.	Arranged for tree removal.
• Need for mowing/maintenance	Y	Needs mowing.	Arranged for mowing.
• Comments			
<b>Landfill Cover – Erosion</b>			
• Evidence of erosion	Y	Yes.	
• Indicate areal extent and location		12 locations on W and SW side slopes with erosion from top of slope to mid slope or toe of slope.	Filled, graded, and seeded eroded areas.
• Comments			
<b>Landfill Cover – Settlement</b>			
• Evidence of settlement	Y	None.	
• Indicate areal extent and location	N/A		
• Comments			

Site Structure	Inspected (Yes/No)	Inspection Observations	Maintenance Work Required or Performed
<b>Landfill Cover – Cracks</b>			
• Evidence of cracks	Y	None.	
• Indicate areal extent and location	N/A		
• Comments			
<b>Landfill Cover – Bulges</b>			
• Evidence of bulges	Y	None.	
• Indicate areal extent and location	N/A		
• Comments			
<b>Landfill Cover – Ponding</b>			
• Evidence of ponding	Y	None.	
• Indicate areal extent and location	N/A		
• Comments			
<b>Landfill Cover – Seeps</b>			
• Evidence of seepage (leachate)	Y	None.	
• Indicate areal extent and location	N/A		
• Comments			
<b>Landfill Cover – Slope Stability</b>			
• Evidence of sliding	Y	None.	
• Indicate areal extent and location	N/A		
• Comments			
<b>Leachate Management System</b>			
• Riser pipe and locks	Y	Riser pipe clean and in good condition.	
• Leachate levels in sump	N		
• Necessary sampling activities	N		
• Necessary leachate disposal	N		
• Comments			
<b>Concrete Drainage Channel</b>			
• Evidence of cracks or obstructions	Y	No visible cracks. Minimal obstructions from small trees at the end of the channel.	Cleaned channel and removed trees.
• Areas of erosion	Y	None.	

Site Structure	Inspected (Yes/No)	Inspection Observations	Maintenance Work Required or Performed
• Comments			
<b>Asphalt Covers - Integrity</b>			
• Evidence of broken asphalt or fissures	Y	None.	
• Indicate areal extent and location	N/A		
• Comments			